

Converting Colors

Yxy(69.0409, 0.3141, 0.3786)

Have a look what the booklet for
Yxy(69.0409, 0.3141, 0.3786)
contains.

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Color

Yxy(68.8426, 0.3139, 0.3778)

Conversions

Conversions Part 1

Format	Color
Hex	BEE2B9
RGB	190, 226, 185
RGB Percent	75%, 89%, 73%
CMY	0.2547, 0.1138, 0.2745
CMYK	0.16, 0.00, 0.18, 0.11
HSL	113°, 41%, 81%
HSV	113°, 18%, 89%
XYZ	57.1988, 68.8426, 56.1783
YIQ	210.5620, -8.2950, -20.3830

Conversions

Conversions Part 2

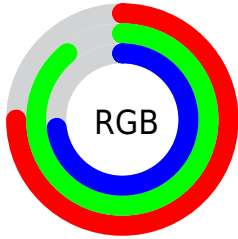
Format	Color
RYB	185, 226, 221
Decimal	12509881
CIELab	86.43, -19.36, 16.19
CIELCh	86, 25.231, 140.095
Yxy	68.8426, 0.3139, 0.3778
Android (android.graphics.Color)	4290699961 (0xFFBEE2B9)
YUV	210.5620, -12.6021, -18.0329
Hunter-Lab	82.9714, -22.1459, 17.9359

Details

The Yxy color **68.8426, 0.3139, 0.3778** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **55.5588, 0.3108, 0.2836**, and the grayscale version is **64.9339, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6450, 0.3158, 0.3427**, and **36.0260, 0.3134, 0.3909** is the 20% darker color. If you saturate the color by 10%, you get **65.5836, 0.3142, 0.4090**, and if you desaturate by 10%, it is **72.6063, 0.3133, 0.3496**.

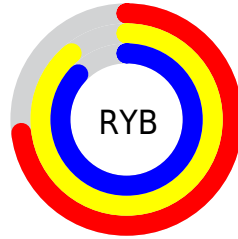
Distribution



Red (75%)

Green (89%)

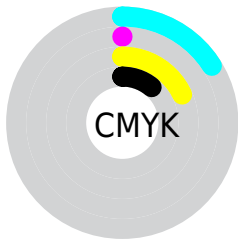
Blue (73%)



Red (73%)

Yellow (89%)

Blue (87%)

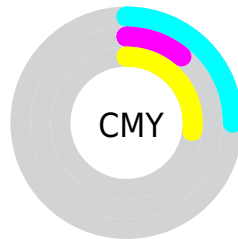


Cyan (16%)

Magenta (0%)

Yellow (18%)

Black (11%)



Cyan (25%)


Magenta (11%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.8426, 0.3139, 0.3778 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 68.8426, 0.3139, 0.3778 by changing the saturation by 10% instead.

 68.8426, 0.3139,
0.3778

 68.8426, 0.3139,
0.3778

456.4756, 0.3137,
0.3543

 50.5835, 0.3138,
0.3834


 117.5567, 0.3139,
0.3694

 35.8773, 0.3137,
0.3905


148.7806, 0.3139,
0.3663

 24.3394, 0.3135,
0.3996


185.0948, 0.3139,
0.3635

 15.5856, 0.3130,
0.4119

226.8839, 0.3138,
0.3612

 9.2314, 0.3120,
0.4294

274.5321, 0.3138,
0.3591

 4.8924, 0.3098,
0.4559


328.4238, 0.3138,

 2.1843, 0.3045,


0.3573


0.5010


388.9435, 0.3137,
0.3557

 0.7114, 0.2226,
0.7774


 0.0000, 0.0000,
0.0000

 68.8426, 0.3139,
0.3778

 68.8426, 0.3139,
0.3778


 65.5836, 0.3142,
0.4090

 72.6063, 0.3133,
0.3496


 62.7994, 0.3141,
0.4426

 76.8857, 0.3126,
0.3246

 60.4705, 0.3136,
0.4774

 81.7024, 0.3117,
0.3027

 58.5722, 0.3124,
0.5116

 82.8684, 0.3140,
0.3009

■ 57.0781, 0.3106,
0.5427

■ 55.9582, 0.3084,
0.5682

■ 55.1785, 0.3057,
0.5863

■ 54.6966, 0.3031,
0.5964

■ 54.6323, 0.3028,
0.5978

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.8426, 0.3441, 0.3843



68.8426, 0.3139, 0.3778



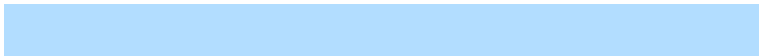
68.8426, 0.2843, 0.3560

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.8426, 0.3139, 0.3778



68.8426, 0.2607, 0.2826



68.8426, 0.3648, 0.3281

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



68.8426, 0.3139, 0.3778



55.5588, 0.3108, 0.2836

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.8426, 0.3404, 0.3038



68.8426, 0.3139, 0.3778



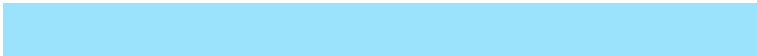
68.8426, 0.2802, 0.2781

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.8426, 0.3139, 0.3778



68.8426, 0.2546, 0.2996



68.8426, 0.3091, 0.2859



68.8426, 0.3745, 0.3537

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.8426, 0.3139, 0.3778



68.8426, 0.2688, 0.3365



68.8426, 0.3091, 0.2859



68.8426, 0.3580, 0.3196

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



68.8455, 0.3139, 0.3778



97.1463, 0.3131, 0.3415



71.1349, 0.3409, 0.3683



20.7105, 0.3132, 0.3433



0.0000, 0.0000, 0.0000



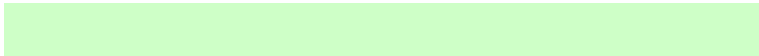
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.8455, 0.3139, 0.3778



88.7317, 0.3141, 0.3900



68.8763, 0.3011, 0.3598



15.4176, 0.3134, 0.3531



31.1975, 0.3033, 0.5974



2.1893, 0.3107, 0.5915

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



55.5588, 0.3108, 0.2836



67.9960, 0.3102, 0.2732



55.5723, 0.3265, 0.3001



13.8457, 0.3118, 0.3058



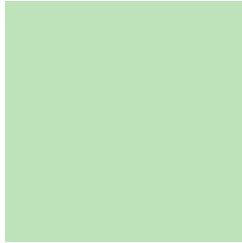
10.0337, 0.2902, 0.1372



0.7198, 0.2952, 0.1400

Previews

White Background



This preview shows how the Yxy color 68.8426, 0.3139, 0.3778 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 68.8426, 0.3139, 0.3778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

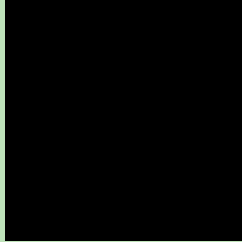
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

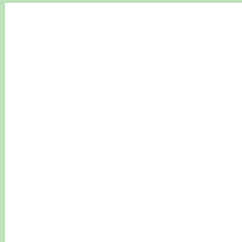
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.8426, 0.3139, 0.3778

Background



This preview shows how black text looks on a background with the Yxy color 68.8426, 0.3139, 0.3778.

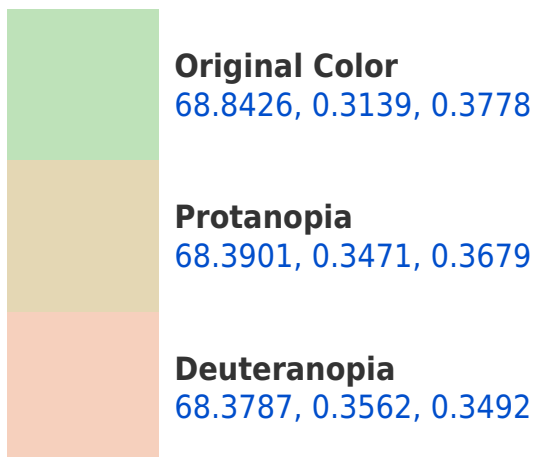


This preview shows how white text looks on a background with the Yxy color 68.8426, 0.3139, 0.3778.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

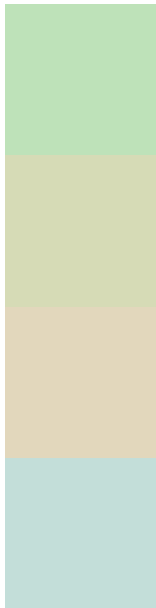




Tritanopia

68.7249, 0.2875, 0.3099

Trichromacy



Original Color

68.8426, 0.3139, 0.3778

Protanomaly

68.3366, 0.3342, 0.3713

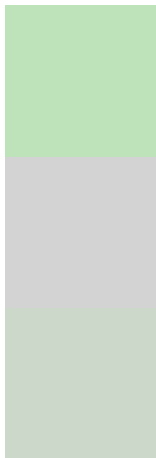
Deuteranomaly

68.4005, 0.3398, 0.3590

Tritanomaly

68.8544, 0.2973, 0.3347

Monochromacy



Original Color

68.8426, 0.3139, 0.3778

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

66.0725, 0.3127, 0.3452

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.8426, 0.3139, 0.3778 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(190, 226, 185)` looks like.

```
.text, #text, p{  
    color:rgb(190, 226, 185)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(190, 226, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 226, 185) }
```

Border

The CSS property to change the border of an element to Yxy 68.8426, 0.3139, 0.3778 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(190, 226, 185) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(190, 226, 185) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(190, 226, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 226, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 226, 185);  
box-shadow:4px 4px 4px 4px rgb(190, 226,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 68.8426, 0.3139, 0.3778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 226, 185) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(190,  
226, 185) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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